

0032



State of Utah
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

Michael O. Leavitt
Governor

Robert L. Morgan
Executive Director

Lowell P. Braxton
Division Director

1594 West North Temple, Suite 1210

PO Box 145801

Salt Lake City, Utah 84114-5801

(801) 538-5340 telephone

(801) 359-3940 fax

(801) 538-7223 TTY

www.nr.utah.gov

November 4, 2002

TO: Internal File

FROM: Dana Dean, P.E., Reclamation Specialist II/Hydrology *DD*

RE: Restart Preparation Plant, Savage Industries Inc., Savage Coal Terminal
C/007/022-AM02D

SUMMARY:

The Division received a proposal to restart the preparation plant at the Savage Coal Terminal on October 8, 2002. The proposal involves resuming the use of sizing and processing equipment in the plant, which has been idle since 1984. The washing cycle in the plant will not be utilized and no refuse will be generated.

Information found in the proposal is considered adequate to meet the minimum requirements of the regulations.

The amendment should be approved and incorporated into the current MRP.

TECHNICAL ANALYSIS:

OPERATION PLAN

MINING OPERATIONS AND FACILITIES

Regulatory Reference: 30 CFR 784.2, 784.11; R645-301-231, -301-526, -301-528.

TECHNICAL MEMO

Analysis:

The existing preparation plant will be used for sizing coal and for the production of synfuel, using the proprietary COVOL technology. The process involves sizing and sorting of run-of-mine coal, applying a chemical reagent, and creating briquettes. A flow chart, outlining the process is found in Figure 3-12.

The plant's washing cycle will not be used.

Coal will be stockpiled before and after the COVOL process in areas currently designated for coal storage.

Findings

Information provided in the application is adequate to meet the minimum Mining Operations and Facilities requirements of the regulations.

SPOIL AND WASTE MATERIALS

Regulatory Reference: 30 CFR Sec. 701.5, 784.19, 784.25, 817.71, 817.72, 817.73, 817.74, 817.81, 817.83, 817.84, 817.87, 817.89; R645-100-200, -301-210, -301-211, -301-212, -301-412, -301-512, -301-513, -301-514, -301-521, -301-526, -301-528, -301-535, -301-536, -301-542, -301-553, -301-745, -301-746, -301-747.

Analysis:

Coal Mine Waste

The Covol process generates no coal mining or processing waste.

Refuse Piles

The only material being deposited on the refuse pile is from periodic ditch and pond cleaning. Maintenance of the refuse pile is under the supervision of a registered professional engineer.

Findings:

Information provided in the application is adequate to meet the minimum Spoil and Waste Materials requirements of the regulations.

HYDROLOGIC INFORMATION

Regulatory Reference: 30 CFR Sec. 773.17, 774.13, 784.14, 784.16, 784.29, 817.41, 817.42, 817.43, 817.45, 817.49, 817.56, 817.57; R645-300-140, -300-141, -300-142, -300-143, -300-144, -300-145, -300-146, -300-147, -300-148, -301-512, -301-514, -301-521, -301-531, -301-532, -301-533, -301-536, -301-542, -301-720, -301-731, -301-732, -301-733, -301-742, -301-743, -301-750, -301-761, -301-764.

Analysis:

Water will be used for dust suppression, processing, and equipment washing. Existing water supply and drainage systems will be used.

Since the preparation plant is an existing structure and lies within the existing disturbed area, all runoff will be directed to an existing sediment pond through existing diversions.

Findings:

Information provided in the application is adequate to meet the minimum Hydrologic Information requirements of the regulations.

RECOMMENDATIONS:

It is recommended that this amendment be approved and incorporated into the MRP.